

Converting Colors

$Yxy(56.5947, 0.3559, 0.2967)$

Have a look what the booklet for
Yxy(56.5947, 0.3559, 0.2967)
contains.

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Color

Yxy(56.4249, 0.3559, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFCF
RGB	255, 175, 207
RGB Percent	100%, 69%, 81%
CMY	0.0000, 0.3138, 0.1882
CMYK	0.00, 0.31, 0.19, 0.00
HSL	336°, 100%, 84%
HSV	336°, 31%, 100%
XYZ	67.8433, 56.4249, 66.3564
YIQ	202.5680, 37.4080, 26.9120

Conversions

Conversions Part 2

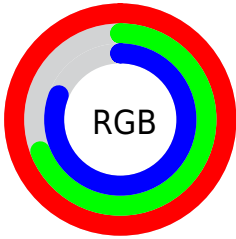
Format	Color
R _Y B	255, 175, 207
Decimal	16756687
CIE Lab	79.86, 33.68, -4.30
CIE LCh	80, 33.953, 352.727
Yxy	56.4249, 0.3559, 0.2960
Android (android.graphics.Color)	4294946767 (0xFFFFAFCF)
YUV	202.5680, 2.1850, 45.9829
Hunter-Lab	75.1165, 29.7628, 0.2059

Details

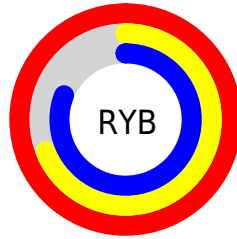
The Yxy color **56.4249, 0.3559, 0.2960** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.9587, 0.2834, 0.3649**, and the grayscale version is **59.4000, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **28.0893, 0.3665, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **46.7030, 0.3759, 0.2852**, and if you desaturate by 10%, it is **68.0852, 0.3392, 0.3069**.

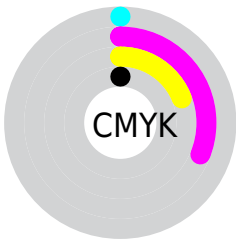
Distribution



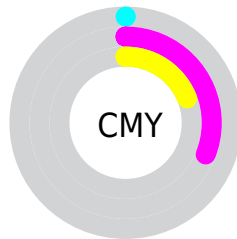
- Red (100%)
- Green (69%)
- Blue (81%)



- Red (100%)
- Yellow (69%)
- Blue (81%)



- Cyan (0%)
- Magenta (31%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4249, 0.3559, 0.2960 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 56.4249, 0.3559, 0.2960 by changing the saturation by 10% instead.


 56.4249, 0.3559,
0.2960

 56.4249, 0.3559,
0.2960


411.2908, 0.3352,
0.3117

 40.5437, 0.3608,
0.2923


 99.6256, 0.3486,
0.3015

 27.9627, 0.3670,
0.2878


127.7138, 0.3457,
0.3036

 18.2976, 0.3750,
0.2819


160.6398, 0.3433,
0.3054

 11.1638, 0.3858,
0.2740

198.7881, 0.3413,
0.3070

 6.1771, 0.4010,
0.2632

242.5429, 0.3394,
0.3084

 2.9531, 0.4241,
0.2470

292.2887, 0.3379,

 1.1073, 0.4629,

0.3096

0.2206

348.4099, 0.3364,
0.3107

0.0000, 0.7403,
0.0000

0.0000, 0.0000,
0.0000

56.4249, 0.3559,
0.2960

56.4249, 0.3559,
0.2960

46.7030, 0.3759,
0.2852

68.0852, 0.3392,
0.3069

38.8238, 0.3995,
0.2754

81.7955, 0.3254,
0.3176

32.6650, 0.4267,
0.2675

97.6444, 0.3141,
0.3277

28.0940, 0.4566,
0.2629

100.0000, 0.3127,
0.3290

■ 24.9588, 0.4879,
0.2627

■ 23.0772, 0.5183,
0.2680

■ 22.2208, 0.5425,
0.2762

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.4249, 0.3109, 0.2705



56.4249, 0.3559, 0.2960



56.4249, 0.3902, 0.3297

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.4249, 0.3559, 0.2960



56.4249, 0.3532, 0.4094



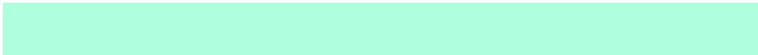
56.4249, 0.2310, 0.2833

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.4249, 0.3559, 0.2960



85.9587, 0.2834, 0.3649

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4249, 0.2405, 0.3206



56.4249, 0.3559, 0.2960



56.4249, 0.3095, 0.3989

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.4249, 0.3559, 0.2960



56.4249, 0.3875, 0.3953



56.4249, 0.2685, 0.3646



56.4249, 0.2411, 0.2617

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.4249, 0.3559, 0.2960



56.4249, 0.4008, 0.3537



56.4249, 0.2685, 0.3646



56.4249, 0.2320, 0.2942

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.4208, 0.3559, 0.2960



85.3664, 0.3225, 0.3200



53.3513, 0.2904, 0.2444



17.8011, 0.3243, 0.3185



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4208, 0.3559, 0.2960



49.7740, 0.3687, 0.2888



57.6695, 0.3826, 0.3362



18.1076, 0.3231, 0.3195



11.6384, 0.5383, 0.2739



1.1541, 0.5082, 0.2573

Inverse Universe

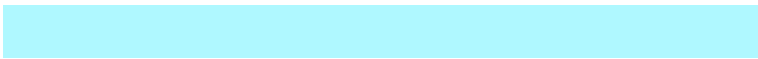
The Inverse Universe completely reimagines the original color for something new.



56.4208, 0.3559, 0.2960



49.7740, 0.3687, 0.2888



83.6718, 0.2667, 0.3216



18.1076, 0.3231, 0.3195



11.6384, 0.5383, 0.2739



1.1541, 0.5082, 0.2573

Previews

White Background



This preview shows how the Yxy color 56.4249, 0.3559, 0.2960 looks on a white background.

Color Contrast Check

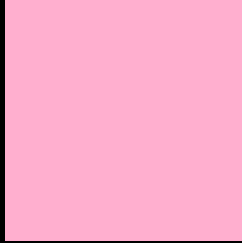
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 56.4249, 0.3559, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4249, 0.3559, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 56.4249, 0.3559, 0.2960.



This preview shows how white text looks on a background with the Yxy color 56.4249, 0.3559, 0.2960.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.4249, 0.3559, 0.2960

Protanopia

56.7019, 0.2949, 0.3019

Deuteranopia

56.5060, 0.3223, 0.3152



Tritanopia

56.4850, 0.3677, 0.3155

Trichromacy



Original Color

56.4249, 0.3559, 0.2960



Protanomaly

56.0532, 0.3157, 0.2995



Deuteranomaly

56.3486, 0.3345, 0.3080



Tritanomaly

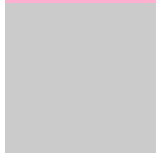
56.5463, 0.3635, 0.3082

Monochromacy



Original Color

56.4249, 0.3559, 0.2960



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

58.0292, 0.3279, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4249, 0.3559, 0.2960 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 175, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 175, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 207) }
```

Border

The CSS property to change the border of an element to Yxy 56.4249, 0.3559, 0.2960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 207) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 175, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 175, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4249, 0.3559, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
175, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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